

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-194988

(43)Date of publication of application : 21.07.1999

(51)Int.Cl.

G06F 13/10

G06F 13/10

G06F 13/00

G06F 13/38

(21)Application number : 10-222629

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(22)Date of filing : 06.08.1998

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(30)Priority

Priority number : 97 907200

Priority date : 06.08.1997

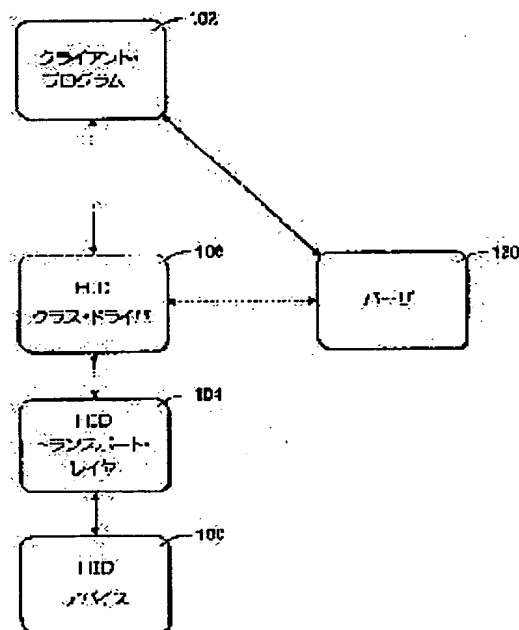
Priority country : US

(54) METHOD AND ARCHITECTURE FOR SIMPLIFYING COMMUNICATION WITH HID DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an architecture for simplifying communication with a human interface device(HID).

SOLUTION: A computer system is provided with an HID transport layer 104 and an HID class driver 106 to be mounted on this transport layer. A client program 102 directly or indirectly calls the class driver 106 and provides an HID report and a report descriptor. Before returning the report to a call source program, the HID class driver 106 makes the length of the report uniform and normalizes the report by adding a report ID to every report which does not have the report ID yet. Besides, a prepared parser 130 is provided with a descriptor analytic function and an item retrieval function.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]